

**The Clorox Company**

1221 Broadway  
Oakland, CA 94612  
Tel. (510) 271-7000

**Material Safety  
Data Sheet**

**I Product:** FORMULA 409® ORANGE POWER

**Description:** CLEAR YELLOW TO ORANGE LIQUID WITH FRESH ORANGE AROMA

Other Designations	Distributor	Emergency Telephone Nos.
	Clorox Sales Company 1221 Broadway Oakland, CA 94612	For Medical Emergencies, call (800) 446-1014 For Transportation Emergencies, call Chemtrec (800) 424-9300

II Health Hazard Data	III Hazardous Ingredients									
<p><b>CAUTION:</b> EYE IRRITANT. Avoid eye and prolonged skin contact. Do Not ingest.</p> <p><b>FIRST AID:</b></p> <p><b>EYE CONTACT:</b> Immediately flush eyes with plenty of water. If irritation persists, see a doctor.</p> <p><b>SKIN CONTACT:</b> Wash with water. Seek medical attention if irritation develops or persists.</p> <p><b>INGESTION:</b> Drink a glass full of water. Call physician. Do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person.</p> <p><b>INHALATION:</b> If breathing problems develop remove to fresh air. Seek medical attention if respiratory irritation develops or breathing becomes difficult.</p> <p><b>KEEP OUT OF REACH OF CHILDREN</b></p>	<table><tr><th>Ingredients</th><th>Concentration</th><th>Worker Exposure Limit</th></tr><tr><td>Alkyl (C<sub>12</sub>40%; C<sub>14</sub>50% C<sub>16</sub>10%) dimethyl benzyl Ammonium chloride CAS# 68424-85-1</td><td>&lt; 0.3%</td><td>Not Established</td></tr><tr><td>Isopropanol CAS# 67-63-0</td><td>&lt; 2.0%</td><td>400ppm/500ppm<sup>1</sup> 400ppm<sup>2</sup></td></tr></table> <p><sup>1</sup> 1998 ACGIH, TLV-TWA/STEL TLV-TWA: Threshold Limit Value – Time Weighted Average STEL: Short Term Exposure Limit</p> <p><sup>2</sup>PEL: OSHA Permissible Exposure Limit</p> <p>None of the ingredients in this product are on the IARC, NTP or OSHA carcinogen lists.</p>	Ingredients	Concentration	Worker Exposure Limit	Alkyl (C <sub>12</sub> 40%; C <sub>14</sub> 50% C <sub>16</sub> 10%) dimethyl benzyl Ammonium chloride CAS# 68424-85-1	< 0.3%	Not Established	Isopropanol CAS# 67-63-0	< 2.0%	400ppm/500ppm <sup>1</sup> 400ppm <sup>2</sup>
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IV Special Protection and Precautions	V Transportation and Regulatory Data
<p><b>Hygienic Practices:</b> Wear safety glasses. With repeated or prolonged use, wear gloves.</p> <p><b>Engineering Controls:</b> Use general ventilation to minimize exposure to vapor or mist.</p> <p><b>Work Practices:</b> Minimize skin contact and inhalation of vapor or mist.</p> <p>Not recommended for use on soft vinyl, varnishes, aluminum or polystyrene. If sprayed on these surfaces, rinse and wipe dry immediately.</p>	<p><b>DOT:</b> Not restricted per 49 CFR 173.120(a)(3) and Appendix H</p> <p><b>IMDG:</b> Not restricted per IMDG Code Page 0016 Paragraph 5.1.3.1.1</p> <p><b>IATA:</b> Not restricted per IATA D.G.R. Sections 3.3.1.2 and 3.3.5</p> <p><b>EPA-SARA Title III/CERCLA:</b> This product contains chemicals (ethylenediaminetetraacetic acid &lt;1.0% and potassium hydroxide &lt; 0.05%) regulated under Section 304/CERCLA.</p> <p><b>TSCA:</b> All components of this product are on the TSCA inventory.</p>

VI Spill Procedures/Waste Disposal	VII Reactivity Data
<p><b>Spill Procedures:</b> Absorb and containerize. Wash residual down to sanitary sewer. Contact the sanitary treatment facility in advance to assure ability to process washed-down material.</p> <p><b>Waste Disposal:</b> Dispose of in accordance with all applicable federal, state, and local regulations.</p>	<p>Stable under normal use and storage conditions.</p>

VIII Fire and Explosion Data	IX Physical Data
<p><b>Flash Point:</b> 113°F</p> <p><b>Fire Extinguishing Agents:</b> Foam, Dry Chemical, Water, CO<sub>2</sub></p>	<p>pH.....10.6</p> <p>Solubility in Water..... complete</p> <p>Specific Gravity.....0.9975</p>